

Atty. Docket No. CA1464
PATENT APPLICATION

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/964,129

REMARKS

Claims 1-4, 8-15 and 21-32 are all the claims pending in the application. Claims 5-7 have been cancelled without prejudice. Claims 1-4 and 8 are being amended. New claims 21-32 are being added to more completely recite the invented subject matter. No new matter is introduced.

Claims 1-4, 8-11, 14 and 15

The Examiner rejected claims 1-4, 8-11, 14 and 15 under 35 U.S.C. 103(a) as being allegedly unpatentable over Gonda et al. (U.S. Patent No. 6,662,221) in view of Rao et al. (U.S. Patent No. 6,674,756) and further in view of Rekhter et al. (U.S. Patent No. 6,526,056) and further in view of Brenner et al. (U.S. Patent No. 5,881,227). Applicants respectfully traverse this rejection view of Applicants' amendments to claims 1-4 and further in view of the following arguments.

In more detail, Gonda et al. teaches an integrated network and service management with automated flow through configuration and provisioning of virtual private networks. The Examiner admits that Gonda et al. does not teach the usage of the logical partitions, a virtual LAN utilizing one or more virtual routers, tag information for communications and a switch for controlling services. Rao et al. discloses a multi-service network switch with multiple virtual routers. Rekhter et al. discloses a virtual private network employing tag-implemented egress-channel selection, while Brenner et al. describes the use of daemons in a partitioned massively parallel processing system environment.

However, Gonda et al. Rao et al., Rekhter et al. and Brenner et al. taken singly or in any combination do not teach or suggest the limitations of the amended claim 1.

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Specifically, the amended claim 1 recites, *inter alia*, a network management subsystem which controls operation of the router; a server management subsystem which controls operation of the first switch; a storage management subsystem which controls operation of the second switch; and an integrated service management system which communicates with the network management subsystem, the server management subsystem and the storage management subsystem, wherein the integrated service management system manages an association between said network, the server and the volume. Applicants respectfully submit that Gonda et al. Rao et al., Rekhter et al. and Brenner et al., taken singly or in combination, fail to teach or suggest the aforesaid network management subsystem, server management subsystem, storage management subsystem and the integrated service management system.

For this reason, the amended claim 1 is patentable over Gonda et al. Rao et al., Rekhter et al. and Brenner et al.

With respect to the rejection of claims 2-4, 8-11, 14 and 15, while continuing to traverse the Examiner's characterization of the teachings or the references used by the Examiner in rejecting these claims, Applicants respectfully submit that the rejection of claims 2-4, 8-11, 14 and 15 is rendered moot by the present amendment of the parent claim 1, because these claims are patentable by definition, by virtue of their dependence upon the patentable claim 1.

Furthermore, the amended claim 2 is additionally patentable because the Gonda et al. Rao et al., Rekhter et al. and Brenner et al., taken singly or in combination, fail to teach or suggest a feature of the invention, wherein in response to receiving a request command to change system configuration, the integrated service management system analyzes the request command,

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determines new configurations of the subsystems and sends commands of the new configurations to related subsystems.

Claim 13

The Examiner rejected claim 13 under 35 U.S.C. 103(a) as being allegedly unpatentable over Gonda et al. (U.S. Patent No. 6,662,221) in view of Rao et al. (U.S. Patent No. 6,674,756) and further in view of Rekhter et al. (U.S. Patent No. 6,526,056) and further in view of Brenner et al. (U.S. patent No. 5,881,227) and yet further in view Blumenau et al. (U.S Patent No. 6,665,714). Applicants respectfully traverse this rejection view of Applicants' amendments to claim 1 and further in view of the following arguments.

Specifically, with respect to the rejection of claim 13, while continuing to traverse the Examiner's characterization of the teachings of the references used by the Examiner in rejecting this claim, Applicants respectfully submit that the rejection of this claim is rendered moot by the present amendment of the parent claim 1, because this claim is patentable by definition, by virtue of their dependence upon the patentable claim 1.

Claim 12

The Examiner rejected claim 12 under 35 U.S.C. 103(a) as being allegedly unpatentable over Gonda et al. (U.S. Patent No. 6,662,221) in view of Rao et al. (U.S. Patent No. 6,674,756) and further in view of Rekhter et al. (U.S. Patent No. 6,526,056) and further in view of Brenner et al. (U.S. Patent No. 5,881,227) and yet further in view Blumenau et al. (U.S Patent No. 6,665,714) and still further in view of Bradley et al. (U.S. Patent No. 6,584,507). Applicants

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respectfully traverse this rejection view of Applicants' amendments to claims 1 and further in view of the following arguments.

Specifically, with respect to the rejection of claim 12, while continuing to traverse the Examiner's characterization of the teachings of the references used by the Examiner in rejecting this claim, Applicants respectfully submit that the rejection of this claim is rendered moot by the present amendment of the parent claim 1, because this claim is patentable by definition, by virtue of their dependence upon the patentable claim 1.

New Claims

Applicants added new claims 21-32 to more completely recite the invented subject matter. The newly added claims 21-32 are patentable. Specifically, with respect to claim 21, Applicants respectfully submit that this claim is patentable at least for the same reasons as the aforesaid patentable claim 1. Specifically, claim 21 recites, *inter alia*, a network management subsystem which controls operation of the router; a server management subsystem which controls operation of the first switch; a storage management subsystem which controls operation of the second switch; and an integrated service management system which communicates with the network management subsystem, the server management subsystem and the storage management subsystem, wherein the integrated service management system manages an association between the network, the server and the volume. Applicants respectfully submit that none of the aforesaid prior art references, taken singly or in combination, teach or suggest the recited network management subsystem, server management subsystem, storage management subsystem and the integrated service management system. Therefore, claim 21 is patentable.

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Claims 22-32 are believed to be patentable due to their dependence on the patentable parent claim 21 and also by virtue of the unique limitations specifically recited in those claims.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

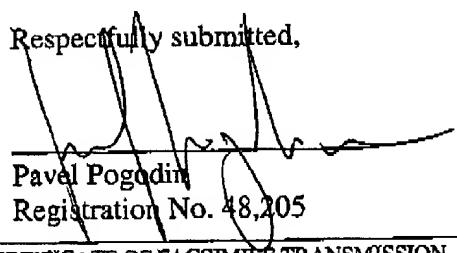
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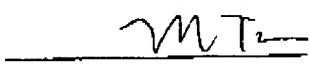
Date: June 22, 2006

Respectfully submitted,


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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this AMENDMENT UNDER 37 C.F.R. § 1.111 is being facsimile transmitted to the U.S. Patent and Trademark Office this 22nd day of June, 2006.


Mariann Tam